

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A method of moving a device (4) provided with a camera (5) to a desired position (10) by means of a control system (7), wherein the camera (5) is coupled to the control system (7), characterized in that during moving said device, pictures of the desired position (10) are taken by means of the camera (5), the number of pictures processed per time unit by means of the control system (7) being increased as the distance between the device (4) and the desired position (10) is smaller.

2. (original) A method as claimed in claim 1, characterized in that as the distance between the device (4) and the desired position (10) is smaller, an area situated around the desired position is reduced in a picture which is analyzed by means of the control system (7).

3. (currently amended) A method as claimed in claim 1 ~~or 2~~, characterized in that the number of pictures processed per time unit by means of the control system (7) is increased step by step.

4. (currently amended) A method as claimed in ~~any one of the preceding claims~~claim 1, characterized in that by means of the control system (7), a movement of the device (4) observed by means of a sensor is combined with information from the pictures produced by means of the camera (5).

5. (original) A system (1) comprising a device (4) provided with a camera (5), which device can be moved to a desired position (10) by means of a control system (7), wherein the camera (5) is coupled to the control system (7), characterized in that the control system (7) comprises means (20; 30; 40) for determining a distance between the device (4) and the desired position (10), as well as means (26; 42) for increasing the number of pictures to be processed per time unit.

6. (original) A system (1) as claimed in claim 5, characterized in that the device (4) is provided with a sensor by means of which a movement of the device can be recorded.